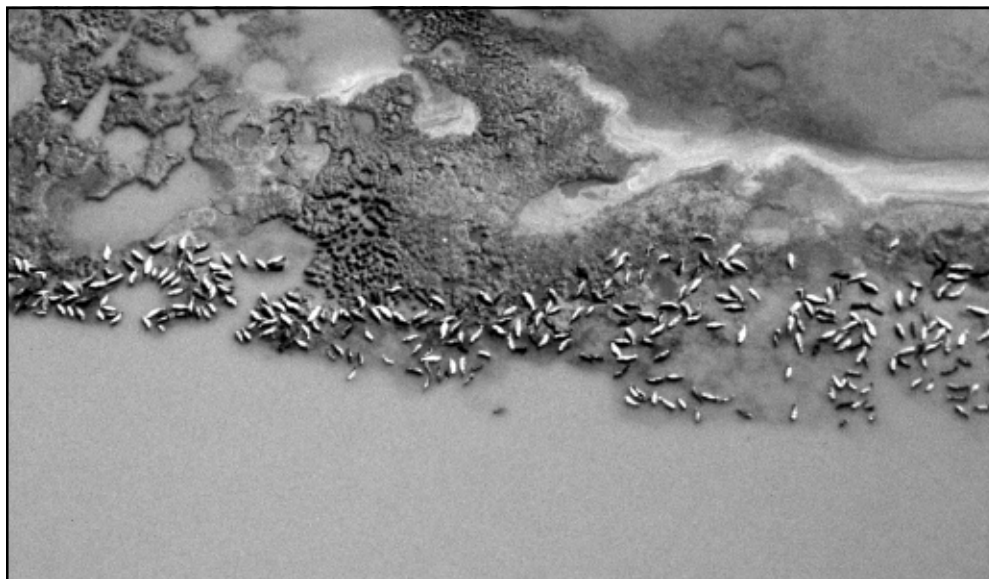


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Use NOAA Charts 18400 (Strait of Georgia and Strait of Juan de Fuca), 18421 (Strait of Juan de Fuca and Strait of Georgia/Drayton Harbor), 18465 (Strait of Juan de Fuca-eastern part) for navigation and bathymetry details.

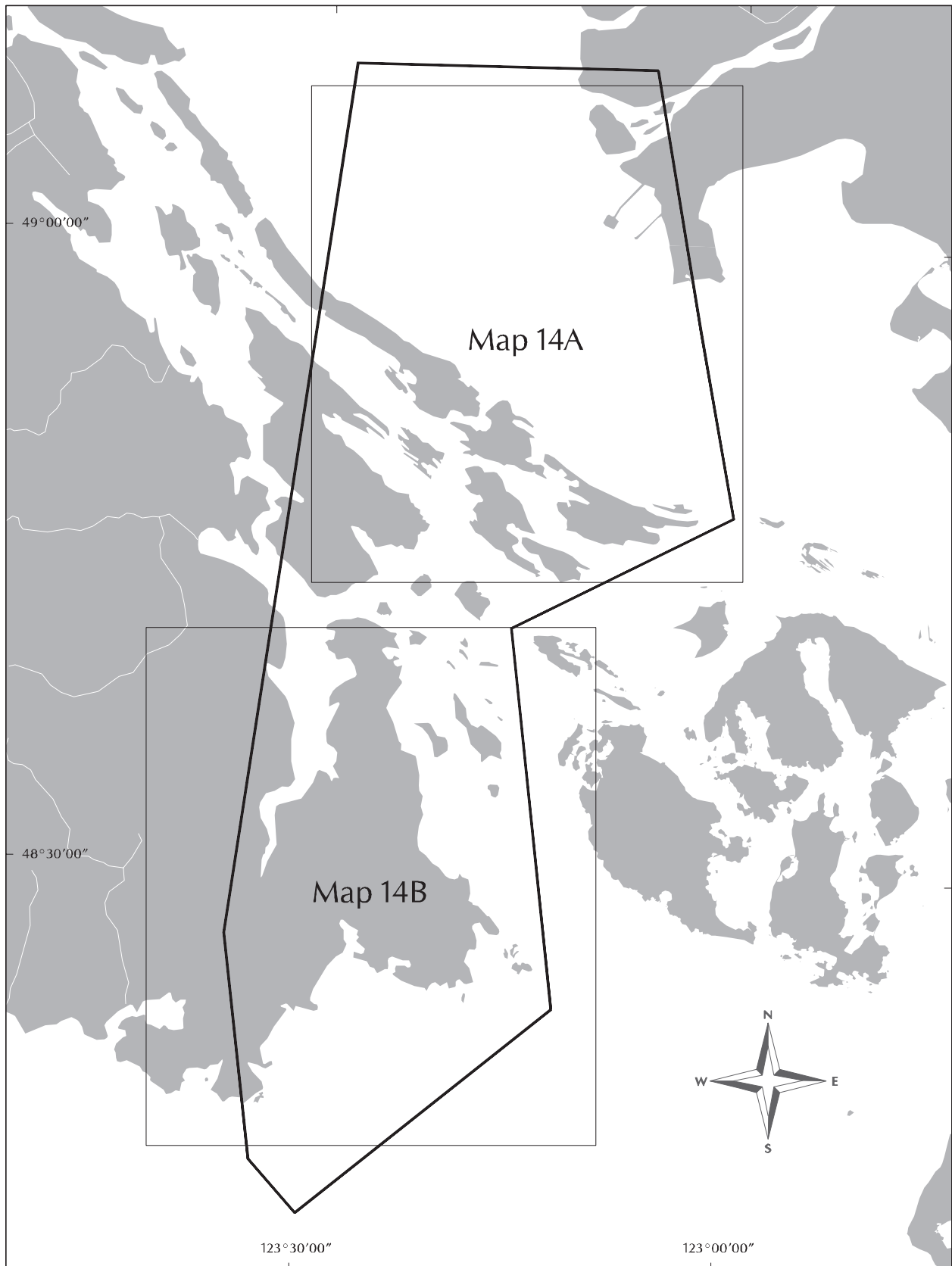
Numerous harbor seal haulout sites are located on intertidal rocks, reefs, and islands in this region. Peak counts occur during the pupping season (mid-June through August) and annual molt (mid-August through October). The primary sea lion haulout sites, which are used by both Steller and California sea lions, are located at Race Rocks and Trial Island (off Victoria). Additional sites used by sea lions during the spring are located at the Belle Chain and at Sand Heads.

Note: Pinniped haulout sites identified in this region are only those sites adjacent to Washington waters and do not represent all sites in British Columbia waters. Users of this atlas are directed to consult the Department of Fisheries and Oceans, Pacific Biological Station and Nanaimo, British Columbia for additional sites and details on other haulout sites in British Columbia waters.



Harbor seals hauled out along Fraser River near Steveston, April 17, 1997

British Columbia Region 14



Region 14: British Columbia

<u>ID</u>	<u>Location</u>	<u>Survey Code</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Species</u>	<u>Count</u>	<u>Use</u>
509	Boiling Reef	14.01	48 47.33	123 2.27	PV	100-500	LOW
510	Race Rocks	14.02	48 17.79	123 31.76	PV,ZC,EJ	100-500	LOW
511	Chain Islets	14.03	48 25.24	123 15.83	PV	100-500	LOW
512	Trial Island	14.04	48 24.29	123 17.97	PV,ZC,EJ	100-500	LOW
513	Kelp Reefs	14.05	48 33.37	123 14.72	PV	<100	LOW
514	D'Arcy Island	14.06	48 33.25	123 16.62	PV	<100	LOW
515	Sallas Rocks	14.07	48 35.11	123 17.46	PV	100-500	LOW
516	Little D'Arcy	14.08	48 34.24	123 15.55	PV	<100	LOW
517	Cooper Reef	14.09	48 40.38	123 16.33	PV	100-500	LOW
518	Java Islets	14.10	48 45.57	123 6.21	PV	<100	LOW
519	Tumbo Island Area	14.11	48 47.98	123 5.59	PV	<100	LOW
520	Tumbo Island Area	14.11	48 48.19	123 6.76	PV	<100	LOW
521	Belle Chain Area	14.12	48 49.57	123 10.54	PV,EJ	100-500	LOW
522	Belle Chain Area	14.12	48 49.67	123 11.56	PV	<100	LOW
523	Belle Chain Area	14.12	48 50.42	123 12.65	PV	<100	LOW
524	Gossip Island	14.13	48 53.52	123 18.74	PV	<100	LOW
525	Fraser R./Roberts Bank	14.14	49 6.64	123 11.97	PV	100-500	LOW
526	Fraser R./Roberts Bank	14.14	49 6.24	123 11.51	PV	100-500	LOW
527	Fraser R./Roberts Bank	14.14	49 3.88	123 11.78	PV	100-500	LOW
528	Fraser R./Roberts Bank	14.14	49 4.15	123 9.81	PV	<100	LOW
529	Tsawwassen Ferry	14.15	49 0.67	123 6.77	PV	<100	LOW
530	Se Mayne/Edith Point	14.16	48 51.41	123 15.17	PV	<100	LOW
531	Fraser R./Sand Heads Jetty	14.17	49 6.41	123 18.01	ZC	100-500	ALL



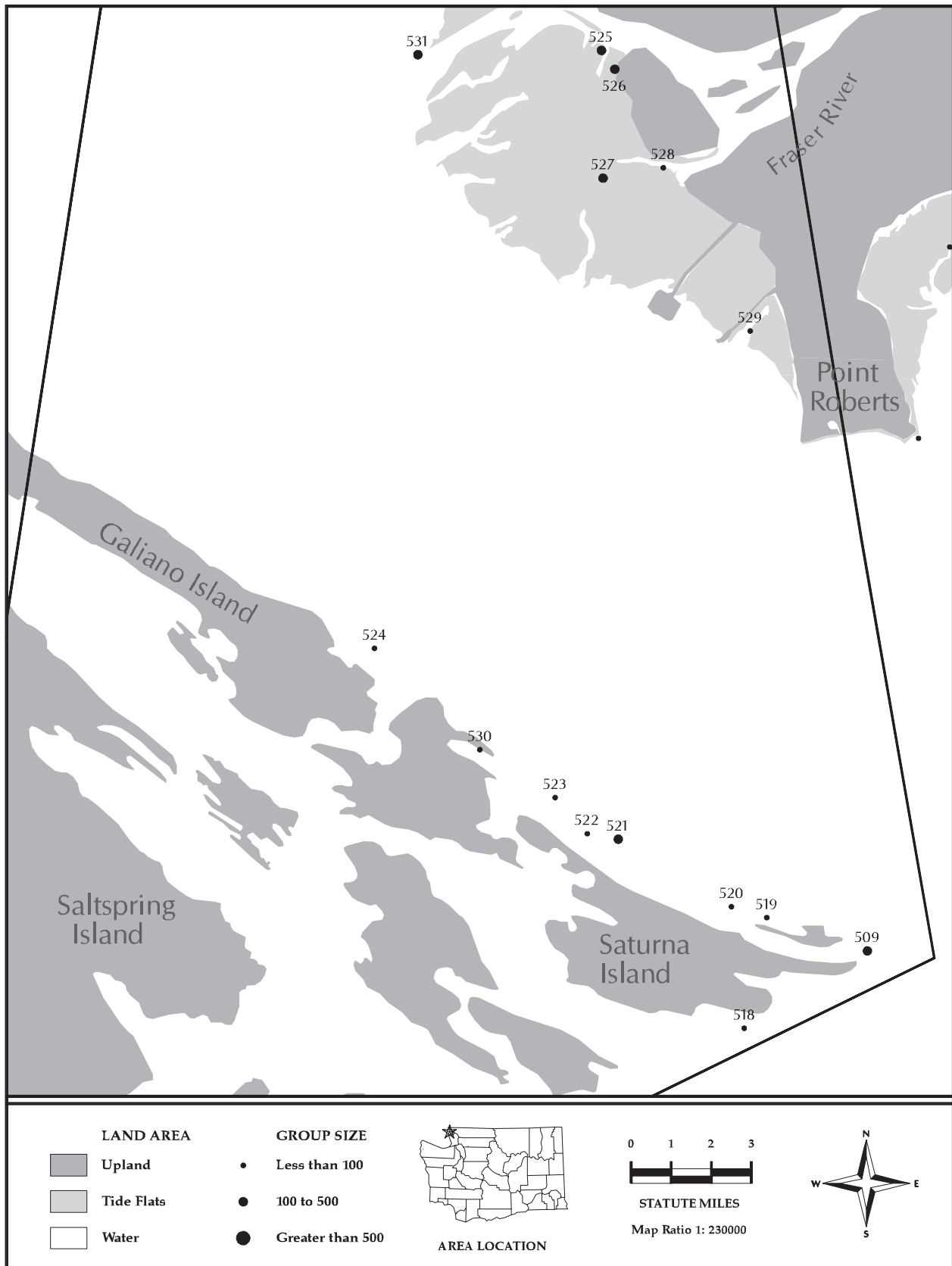
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<u>ID</u>	<u>Description</u>
509	Intertidal rocks and reef areas around Boiling Reef.
510	Intertidal rocks and reef areas around Race Rocks.
511	On scattered intertidal rocks and reef areas around Chain Islets.
512	Intertidal rocks and reef areas around Trail Island.
513	Intertidal rocks and reef areas around Kelp Reef.
514	Intertidal rocks and reef areas around D'Arcy Island.
515	Intertidal rocks and reef areas around Sallas Rocks.
516	Intertidal rocks and reef areas around Little D'Arcy Island.
517	Intertidal rocks and reef areas around Cooper Reef.
518	Intertidal rocks and reef areas around the Java Islets.
519	Intertidal rocks and reef areas off west end of Tumbo Island.
520	Intertidal rocks and reef areas off west end of Tumbo Island.
521	Intertidal rocks and reef areas of the Belle Chain.
522	Intertidal rocks and reef areas just west of Belle Chain.
523	Intertidal rocks and reef areas on north end of Belle Chain.
524	Intertidal ledges and reef areas around Gossip Island.
525	Intertidal channels and shoals along Reifel Island.
526	Intertidal channels and shoals along southeast side of Reifel Island.
527	Intertidal channels and shoals on Roberts Bank.
528	Intertidal channels and shoals on Roberts Bank.
529	Intertidal areas around jetty just south of Tswwassen ferry terminal.
530	Intertidal ledges and rocks off Edith Point on Mayne Island.
531	On end of jetty near Sand Heads light during spring months.



British Columbia

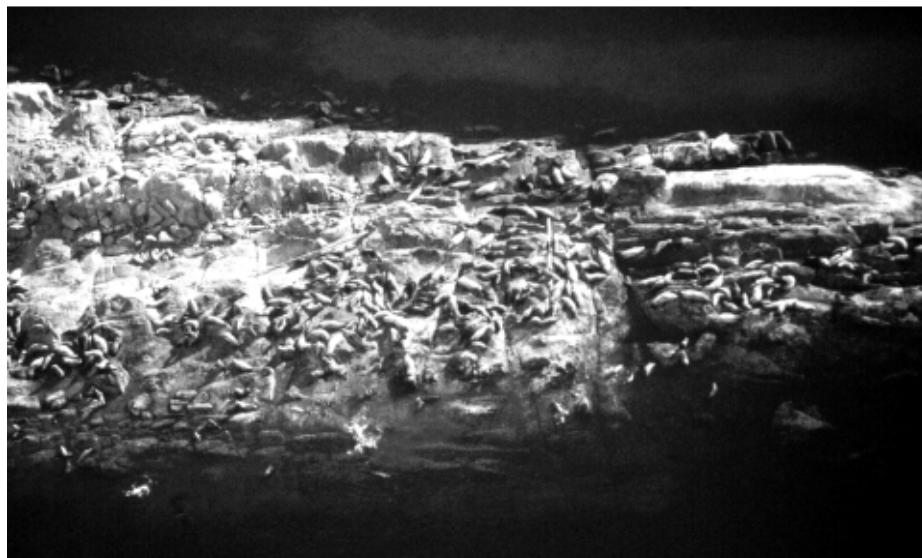
Map 14A: Fraser River to Gulf Islands



British Columbia

Map 14A: Fraser River to Gulf Islands

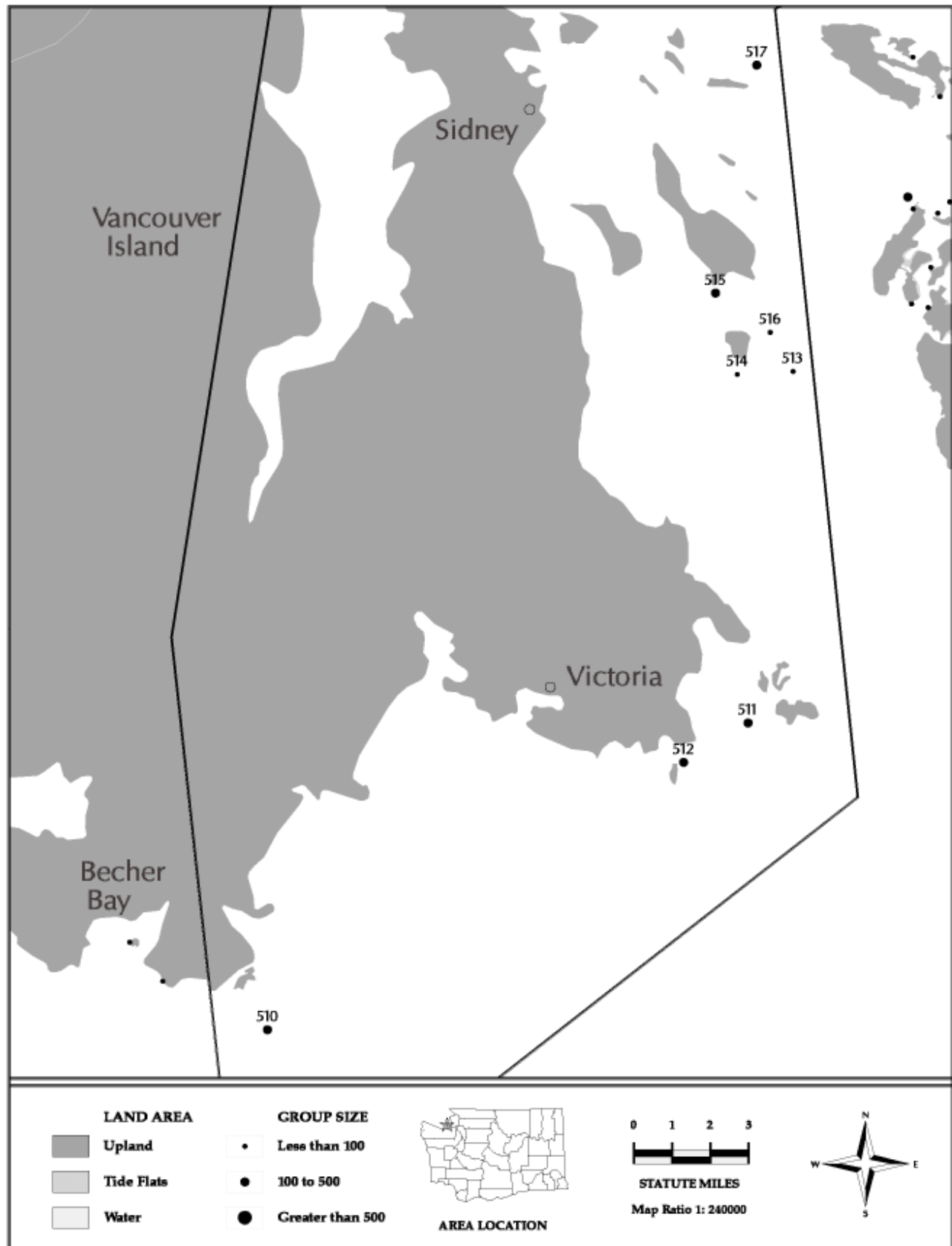
<u>ID</u>	<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Species</u>	<u>Description</u>
509	Boiling Reef	48 47.33	123 02.27	PV	Intertidal rocks and reef areas around Boiling Reef.
518	Java Islets	48 45.57	123 06.21	PV	Intertidal rocks and reef areas around the Java Islets.
519	Tumbo Island Area	48 47.98	123 05.59	PV	Intertidal rocks and reef areas off west end of Tumbo Island.
520	Tumbo Island Area	48 48.19	123 06.76	PV	Intertidal rocks and reef areas off west end of Tumbo Island.
521	Belle Chain Area	48 49.57	123 10.54	PV,EJ	Intertidal rocks and reef areas of the Belle Chain.
522	Belle Chain Area	48 49.67	123 11.56	PV	Intertidal rocks and reef areas just west of Belle Chain.
523	Belle Chain Area	48 50.42	123 12.65	PV	Intertidal rocks and reef areas on north end of Belle Chain.
524	Gossip Island	48 53.52	123 18.74	PV	Intertidal ledges and reef areas around Gossip Island.
525	Fraser R./Roberts Bank	49 06.64	123 11.97	PV	Intertidal channels and shoals along Reifel Island.
526	Fraser R./Roberts Bank	49 06.24	123 11.51	PV	Intertidal channels and shoals along southeast side of Reifel Island.
527	Fraser R./Roberts Bank	49 03.88	123 11.78	PV	Intertidal channels and shoals on Roberts Bank.
528	Fraser R./Roberts Bank	49 04.15	123 09.81	PV	Intertidal channels and shoals on Roberts Bank.
529	Tsawwassen Ferry	49 00.67	123 06.77	PV	Intertidal areas around jetty just south of Tsawwassen ferry terminal.
530	Se Mayne/Edith Point	48 51.41	123 15.17	PV	Intertidal ledges and rocks off Edith Point on Mayne Island.
531	Fraser R./Sand Heads Jetty	49 06.41	123 18.01	ZC	On end of jetty near Sand Heads light during spring months.



Steller sea lions resting at Belle Chain, British Columbia, May 19, 1997.

British Columbia

Region 14B: Gulf Islands to Race Rocks



British Columbia

Map 14B: Gulf Islands to Race Rocks

ID	<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Species</u>	<u>Description</u>
510	Race Rocks	48 17.79	123 31.76	PV,ZC,EJ	Intertidal rocks and reef areas around Race Rocks.
511	Chain Islets	48 25.24	123 15.83	PV	On scattered intertidal rocks and reef areas around Chain Islets.
512	Trial Island	48 24.29	123 17.97	PV,ZC,EJ	Intertidal rocks and reef areas around Trail Island.
513	Kelp Reefs	48 33.37	123 14.72	PV	Intertidal rocks and reef areas around Kelp Reef.
514	D'Arcy Island	48 33.25	123 16.62	PV	Intertidal rocks and reef areas around D'Arcy Island.
515	Sallas Rocks	48 35.11	123 17.46	PV	Intertidal rocks and reef areas around Sallas Rocks.
516	Little D'Arcy	48 34.24	123 15.55	PV	Intertidal rocks and reef areas around Little D'Arcy Island.
517	Cooper Reef	48 40.38	123 16.33	PV	Intertidal rocks and reef areas around Cooper Reef.